

**What is claimed is:**

1           1. A rotatable display for an electronic device,  
2 comprising:

3           a data transmission board having at least one first  
4           connector;

5           a first locating plate on which the data  
6           transmission board is secured;

7           a second locating plate rotationally engaging with  
8           the first locating plate; and

9           a printed circuit board having a plurality of  
10          concentric connecting portions and secured on  
11          the second locating plate;

12          wherein the first connector maintains contact with  
13          the connecting portions for signal transmission  
14          by the rotational engagement of the first  
15          locating plate and the second locating plate.

1           2. The rotatable display for an electronic device  
2 as claimed in claim 1, wherein the first locating plate  
3 has a circular first opening provided with a groove on  
4 the periphery thereof.

1           3. The rotatable display for an electronic device  
2 as claimed in claim 2, wherein the second locating plate  
3 has a circular second opening provided with a flange on  
4 the periphery thereof and the flange is fitted with the  
5 groove so that the first locating plate rotationally  
6 engages with the second locating plate.

1           4.    The rotatable display for an electronic device  
2           as claimed in claim 1, wherein the first locating plate  
3           is a rotatable circular member.

1           5.    The rotatable display for an electronic device  
2           as claimed in claim 1, wherein three first connectors are  
3           circularly disposed on the data transmission board  
4           corresponding to the position of the connecting portions  
5           and separated by 120°.

1           6.    The rotatable display for an electronic device  
2           as claimed in claim 1, wherein the data transmission  
3           board further comprises a second connector for other  
4           devices.

1           7.    The rotatable display for an electronic device  
2           as claimed in claim 1, wherein the data transmission  
3           board is fixed on the first locating plate by bolts.

1           8.    An electronic device, comprising:

2           a liquid crystal display module comprising an upper  
3           guard member, a liquid crystal display unit, a  
4           printed circuit board with a plurality of  
5           concentric connecting portions, and a lower  
6           guard member with a circular first opening  
7           having a flange on the periphery thereof,  
8           wherein the liquid crystal display unit and the  
9           printed circuit board are disposed between the  
10          upper guard member and lower guard member, and  
11          the printed circuit board is fixed on the lower  
12          guard member;

13 a data transmission module provided with at least  
14 one first connector contacting the connecting  
15 portions to transmit signals;

16 a locating plate provided with a circular second  
17 opening having a groove on the periphery  
18 thereof to fit with the flange to maintain  
19 rotational engagement of the locating plate and  
20 the lower guard member and fix the data  
21 transmission module thereon; and

22 a frame module receiving the data transmission  
23 module and the locating plate and joining to  
24 the liquid crystal display module;

25 wherein the liquid crystal module rotates on the  
26 frame module and the first connector maintains  
27 contact with the connecting portions to  
28 maintain data transmission by means of the  
29 rotational engagement of the locating plate and  
30 the lower guard member.

1 9. The electronic device as claimed in claim 8,  
2 wherein the locating plate is a rotatable circular  
3 member.

1 10. The electronic device as claimed in claim 8,  
2 wherein the liquid crystal module has a curved portion  
3 rotating around the center of the data transmission  
4 module.

1 11. The electronic device as claimed in claim 8,  
2 wherein three first connectors are circularly disposed on  
3 the data transmission module corresponding to the

4 position of the connecting portions and separated by  
5 120°.

1 12. The electronic device as claimed in claim 8,  
2 wherein the data transmission board further comprises a  
3 second connector for other devices.

4 13. The electronic device as claimed in claim 8,  
5 wherein the data transmission board is fixed on the first  
6 locating plate by means of bolts.